Evaluation Program Results

Our study indicates that sealants listed in this report have the potential to be successfully used in contact with the PVB interlayer in laminated glass in properly designed and installed systems. For systems where edge defects must be minimized, Table 1 can be used to compare the relative potential for the specific sealant products listed to interact with the PVB interlayer in laminated glass.

Summary Table of Compatibility Results

Sealant Compatibility Evaluation Program

Sealant	Manufacturer	Sealant Type	Percent of Edge Affected (%)	Area Affected (mm^2)	Edge Max Depth Plateau	Edge Affected Plateau	Max - Average Depth (mm)	Max-Max Depth (mm)	inches	Depth of Defect: 1/16 (1)	1/16 (2)	1/8 (3)	3/16 (4)	3/16 (5)	1/4 (6)	1/4 (7)	5/16 (8)	3/8 (9)	3/8 (10)	7/16 (11)	1/2 (12)
									mm												
DC 1199	Dow Corning	Silicone	52%	1570	No	No	5	8													
DC 399	Dow Corning	Silicone	59%	557	**	**	3	4													
DC 756	Dow Corning	Silicone	55%	1181	Yes	No	4	7													
DC 791	Dow Corning	Silicone	93%	815	**	**	3	4													
DC 795	Dow Corning	Silicone	82%	1747	Yes	Yes	4	5													
DC 983 (MAS*)	Dow Corning	Silicone	17%	210	Yes	Yes	4	6													
DC 991	Dow Corning	Silicone	27%	331	Yes	Yes	3	5													
DC 995	Dow Corning	Silicone	89%	1265	Yes	Yes	3	7													
DC 999A	Dow Corning	Silicone	57%	1062	Yes	Yes	4	6													
DC Instant Glaze 18578 (MAS*)	Dow Corning	Silicone	11%	154	Yes	Yes	2	4													
GE Construction SCS1200	General Electric	Silicone	85%	1493	Yes	Yes	3	5													
GE Contractors-N SCS1800	General Electric	Silicone	35%	914	Yes	Yes	5	6													
GE RapidStrength RGS7700 (MAS*)	General Electric	Silicone	25%	306	Yes	No	3	4													
GE SilGlaze II SCS2800	General Electric	Silicone	78%	1900	Yes	No	4	6													
GE SilPruf LM SCS2700	General Electric	Silicone	50%	1068	Yes	Yes	4	6													
GE SilPruf SCS2000	General Electric	Silicone	66%	1712	Yes	Yes	5	6													
GE UltraGlaze SSG4000	General Electric	Silicone	75%	1605	Yes	No	4	6													
GE UltraGlaze SSG4000AC	General Electric	Silicone	79%	1938	No	No	4	6													
GE UltraGlaze SSG4400 (MAS*)	General Electric	Silicone	17%	255	Yes	Yes	3	5													
Pecora 863	Pecora	Silicone	89%	812	**	**	3	5													
Pecora 864	Pecora	Silicone	23%	269	**	**	4	5													
Pecora 890	Pecora	Silicone	47%	72	**	**	1	4													
Pecora 895	Pecora	Silicone	10%	21	**	**	1	2													
Pecora 896	Pecora	Silicone	92%	632	**	**	2	4													
PR 469	Products Research	Polysulfide	1%	2	**	**	1	1													
SM71000	Schnee Morehead	Polyurethane	0%	0	**	**	0	0													
SIKA 552	Sonoborne	Hybrid	5%	18	Yes	Yes	1	1													
SONO NP-1	Sonoborne	Polyurethane	1%	5	**	**	2	3													
TREMCO Proglaze II (MAS*)	Tremco	Silicone	44%	675	Yes	No	4	11													
Tremsil 300	Tremco	Silicone	11%	77	**	**	2	3													
Tremsil 600	Tremco	Silicone	22%	173	**	**	3	4													

*MAS = Manufacturer Applied Sealant
** = Trend data not available

Average Depth
Maximum Depth
Average and Maximum Depth Equal

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